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ABSTRACT

37        The present invention relates to methods and compositions for prevention of graft  
38        rejection in lung transplant recipients and for treatment of subjects with pulmonary disorders.  
39        Specifically, the methods and compositions of the invention provide a means for inhibiting  
40        immune response mediated inflammatory processes in the lungs. The method of the invention  
41        comprises the administration of aerosolized cyclosporine for prevention of acute and/or chronic  
42        refractory rejection in lung transplant patients. The invention further provides for the use of  
43        aerosolized cyclosporine to treat subjects having immunologically mediated inflammatory  
44        pulmonary disorders including, but not limited to, asthma, cystic fibrosis, idiopathic pulmonary  
45        fibrosis, chronic bronchitis and allergic rhinitis. The present invention, by enabling a method for  
46        the use of aerosolized cyclosporine for inhibiting pulmonary inflammation leading to prevention  
47        of graft rejection and treatment of pulmonary disorders, provides a safer and less toxic treatment  
48        than those methods that utilize systemic administration of cyclosporine.